

**Claims:**

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- 5 1) A computer readable storage medium containing a program element  
for execution by a computing apparatus to implement a user  
interface for allowing a user to control a graphics engine, the  
graphics engine being suitable for creating graphics in a  
broadcast system, said program element implementing:
- 10 a) an input for receiving at least one template data element, the  
template data element including a graphics component and a  
data field component suitable for receiving an information  
unit;
- 15 b) a processing unit coupled to said input, said processing unit  
being operative for:
- 20 i) processing the template data element and an information  
unit source to enter in the data field component a selected  
information unit to form a representation of a graphics  
page that results from a combination of the template data  
element and the selected information unit;
- 25 ii) generating a set of commands based on the representation  
of the graphics page, the set of commands being executable  
by the graphics engine to create an on-air graphics page in  
the broadcast system;
- 30 c) an output coupled to said processing unit for releasing a  
signal representative of said set of commands.
- 2) A computer readable storage medium as defined in claim 1, wherein  
said broadcast system is a television broadcast system.
- 35 3) A computer readable storage medium as defined in claim 1, wherein  
said broadcast system is an Internet broadcast system.
- 4) A computer readable medium as defined in claim 2, wherein said  
user interface is a graphical user interface.

- 5) A computer readable medium as defined in claim 4, wherein said user interface is operative to receive a data source indicator element from the user, said data source indicator element being associated to the information unit source whereby allowing to establish an association between an information unit source and the data field component.
- 6) A computer readable storage medium as defined in claim 5, wherein said template data element comprises a plurality of data field components, each data field component being suitable for receiving an information unit.
- 7) A computer readable storage medium as defined in claim 4 wherein said data field component is a text box.
- 8) A computer readable storage medium as defined in claim 4 wherein said data field component is an image box.
- 9) A computer readable storage medium as defined in claim 4, wherein the information unit source is selected from the set consisting of live data feeds, databases and web pages.
- 10) A computer readable medium as defined in claim 4, wherein said processing unit comprises a command generator script adapted to translate the template data element into said set of commands.
- 11) A method for allowing a user to control a graphics engine, the graphics engine being suitable for creating graphics in a broadcast system, said method comprising:
- a) providing at least one template data element, the template data element including a graphics component and a data field component suitable for receiving an information unit;

- b) providing an information unit source;
- c) processing the template data element and the information unit source to enter in the data field component a selected information unit to form a representation of a graphics page that results from a combination of the template data element and the selected information unit;
- d) generating a set of commands based on the representation of the graphics page, the set of commands being executable by the graphics engine to create an on-air graphics page in the broadcast system;
- e) releasing a signal representative of said set of commands.
- 12) A method as defined in claim 11, wherein said broadcast system is a television broadcast system.
- 13) A method as defined in claim 11, wherein said broadcast system is an Internet broadcast system.
- 14) A method as defined in claim 12, wherein said template data element comprises a plurality of data field components, each data field component being suitable for receiving an information unit.
- 15) A method as defined in claim 12, wherein the information unit source is selected from the set consisting of live data feeds, databases and web pages.
- 16) A method as defined in claim 12, further comprising receiving a data source indicator element from the user, said data source indicator element being associated to the information unit source whereby allowing to establish an association between an information unit source and the data field component.

17) A method as defined in claim 12, wherein generating a set of commands comprises executing a script adapted to translate the template data element into said set of commands.

5 18) An apparatus for implementing a user interface for allowing a user to control a graphics engine, the graphics engine being suitable for creating graphics in a broadcast system, said apparatus comprising:

10 a) a first input for receiving at least one template data element, the template data element including a graphics component and a data field component suitable for receiving an information unit;

b) a second input coupled to an information unit source;

15 c) a processing unit coupled to said first input and second input, said processing unit being operative for:

20 i) processing the template data element and the information unit source to enter in the data field component a selected information unit to form a representation of a graphics page that results from a combination of the template data element and the selected information unit;

25 ii) generating a set of commands based on the representation of the graphics page, the set of commands being executable by the graphics engine to create an on-air graphics page in the broadcast system;

30 d) an output coupled to said processing unit for releasing a signal representative of said set of commands.

19) An apparatus as defined in claim 18, wherein said broadcast system is a television broadcast system.

20) An apparatus as defined in claim 18, wherein said broadcast system is an Internet broadcast system.

21) An apparatus as defined in claim 19, wherein said user

interface is a graphical user interface.

- 22) An apparatus as defined in claim 21, wherein said  
template data element comprises a plurality of data field  
5 components, each data field component being suitable for  
receiving an information unit.
- 23) An apparatus as defined in claim 21, wherein the  
information unit source is selected from the set consisting of  
10 live data feeds, databases and web pages.
- 24) An apparatus as defined in claim 21, wherein said  
processing unit comprises a commands generator script adapted to  
translate the template data element into said set of commands.
- 25) An apparatus as defined in claim 21, wherein said user  
interface is operative to receive a data source indicator  
element from the user, said data source indicator element being  
associated to the information unit source whereby allowing to  
20 establish an association between an information unit source and  
the data field component.

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